

Docket No.: 0230-0224PUS1  
(PATENT)

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

In re Patent Application of:  
Hiroshi YOSHIMINE et al.

Application No.: 10/532,876

Confirmation No.: ---

Filed: April 28, 2005

Art Unit: N/A

For: CHIP-BASED PIEZOELECTRIC RESONATOR  
AND LIQUID-PHASE SENSOR

Examiner: Not Yet Assigned

**RESPONSE TO NOTIFICATION OF MISSING REQUIREMENTS**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

In response to the Notification of Missing Requirements dated August 17, 2005,  
Applicant respectfully submits:

- ☒ Attached is a copy of the Notification of Missing Requirements (371 Formalities Letter).
- ☒ Attached is the Executed Declaration and Power of Attorney ☐ Original ☒ Photocopy.
- ☐ The specification attached to the executed Declaration and Power of Attorney is a true copy of the specification that was filed in the U.S. Patent and Trademark Office on April 28, 2005, including any amendments thereto (if applicable) filed on even date therewith.
- ☒ The undersigned hereby declares that "Attorney Docket No. 0230-0224PUS1" on page 1 of the attached Inventors' Declaration corresponds to Appl. No.10/532,876 filed April 28, 2005 entitled "CHIP-BASED PIEZOELECTRIC RESONATOR AND LIQUID-PHASE SENSOR."

- ☐ Attached is an English language translation of the above-identified application that was filed in a foreign language, which should be used as the copy for examination purposes.

See the attached Translator's Verification; or

The undersigned states that the English translation attached hereto is a true and correct translation of the application as originally filed in a foreign language.

- ☐ Attached are 0 sheet(s) of drawings. Please substitute these replacement drawings for the corresponding 0 sheet(s) of drawings on file in the above-identified application.
- ☐ Attached are substitute claims commencing on a separate sheet in accordance with 37 C.F.R. § 1.75(h).
- ☐ Attached is a substitute abstract commencing on a separate sheet in accordance with 37 C.F.R. § 1.72(b).
- ☐ Attached is a substitute specification that complies with 37 C.F.R. § 1.52. The substitute specification does not contain new matter.
- ☐ Attached is a preliminary amendment.
- ☐ Applicant claims small entity status under 37 C.F.R. § 1.27.
- ☒ Attached is a Supplemental Application Data Sheet (ADS).
- ☒ Submitted concurrently herewith under separate cover for recording is an Assignment.
- ☐ Attached is a Petition for Extension of Time.
- ☒ The Government Filing Surcharge for late filing of oath and/or declaration in the amount of \$130.00 in accordance with 37 C.F.R. §§ 1.494 and 1.492 was previously paid for concurrently with the filing of the application on April 28, 2005.

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☐ Attached hereto is the fee transmittal listing the required fees.

If necessary, the Commissioner is hereby authorized in this, concurrent, and future replies, to charge payment or credit any overpayment to our Deposit Account No. 02-2448 for any additional fees required under 37 C.F.R. § 1.16 or under § 1.17; particularly, extension of time fees.

Dated: October 14, 2005

Respectfully submitted,

By  #42.874  
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Attachment(s)



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
 United States Patent and Trademark Office  
 Address: COMMISSIONER FOR PATENTS  
 P.O. Box 1450  
 Alexandria, Virginia 22313-1450  
 www.uspto.gov

Gnm

U.S. APPLICATION NUMBER NO.	FIRST NAMED APPLICANT	ATTY. DOCKET NO.
10/532,876	Hiroshi Yoshimine	0230-0224PUS1

INTERNATIONAL APPLICATION NO.
PCT/JP03/13629

02292  
 BIRCH STEWART KOLASCH & BIRCH  
 PO BOX 747  
 FALLS CHURCH, VA 22040-0747

LA. FILING DATE	PRIORITY DATE
10/24/2003	10/31/2002

*DOCKETED* <sup>VE</sup> *Perfect*  
*10/17/05*

CONFIRMATION NO. 2285  
 371 FORMALITIES LETTER  
 \*OC000000016794118\*  
 \*OC000000016794118\*

Date Mailed: 08/17/2005

### NOTIFICATION OF MISSING REQUIREMENTS UNDER 35 U.S.C. 371 IN THE UNITED STATES DESIGNATED/ELECTED OFFICE (DO/EO/US)

The following items have been submitted by the applicant or the IB to the United States Patent and Trademark Office as a Designated / Elected Office (37 CFR 1.495).

- Copy of the International Application filed on 04/28/2005
- Copy of the International Search Report filed on 04/28/2005
- Copy of IPE Report filed on 04/28/2005
- Information Disclosure Statements filed on 04/28/2005
- Request for Immediate Examination filed on 04/28/2005
- U.S. Basic National Fees filed on 04/28/2005
- Priority Documents filed on 04/28/2005
- Specification filed on 04/28/2005
- Claims filed on 04/28/2005
- Abstracts filed on 04/28/2005
- Drawings filed on 04/28/2005

The following items **MUST** be furnished within the period set forth below in order to complete the requirements for acceptance under 35 U.S.C. 371:

- Oath or declaration of the inventors, in compliance with 37 CFR 1.497(a) and (b), identifying the application by the International application number and international filing date.

**ALL OF THE ITEMS SET FORTH ABOVE MUST BE SUBMITTED WITHIN TWO (2) MONTHS FROM THE DATE OF THIS NOTICE OR BY 32 MONTHS FROM THE PRIORITY DATE FOR THE APPLICATION, WHICHEVER IS LATER. FAILURE TO PROPERLY RESPOND WILL RESULT IN ABANDONMENT.**

The time period set above may be extended by filing a petition and fee for extension of time under the provisions of 37 CFR 1.136(a).

Applicant is reminded that any communications to the United States Patent and Trademark Office must be mailed to the address given in the heading and include the U.S. application no. shown above (37 CFR 1.5)

*A copy of this notice **MUST** be returned with the response.*

LAMONT M HUNTER

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PART 1 - ATTORNEY/APPLICANT COPY

U.S. APPLICATION NUMBER NO.	INTERNATIONAL APPLICATION NO.	ATTY. DOCKET NO.
10/532,876	PCT/JP03/13629	0230-0224PUS1

FORM PCT/DO/EO/905 (371 Formalities Notice)